



Update- Masters Degree in Building Science

- Launch of First-of-a-kind Building Science program in BC & western Canada –Sept. 2010
 - Maters of Engineering in Building Science
 - Master of Applied Science in Building Engineering/Building Science
- First intake
 - 8 MEng (4 FT and 4 PT)
 - 7 MASc (6 FT and 1 PT)
- Three practicing Engineers
- Two instructors from Industry

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Masters Degree Programs

BCIT

- Curriculum: Fundamentals, Applied, Research
- · Offers specialization in building science
- Focuses on applied research and providing solutions to industry problems
- Provides opportunity for students to engage in interdisciplinary research
- Supported by a strong foundation of research infrastructures

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Program Structure: Two Degree Programs

Master of Engineering in Building Science (MEng)

- · One Year Full-Time
- Course-based
 - More Coursework
 - Research Project
- 33 Credits

Master of Applied Science in Building Engineering/ Building Science (MASc)

- Two Years Full-Time
- Thesis-based
 - Less Coursework
 - Research Thesis
- 36 Credits

Both programs can be studied part-time to be completed within 5 years

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Course Credit Comparison BCIT MASc **MEng Core Technical Courses** 15 credits 9 credits **Elective Technical Courses** 9 credits 9 credits **Graduate Seminar** 0 credits 0 credits Research 9 credits 18 credits Total 33 credits 36 credits

Program Admission Requirements

MEng

 Bachelor's degree in an engineering field with a GPA of 2.7 out of 4.0 (70%)

MASc

- Bachelor's degree in an engineering field or architecture with a GPA of 2.7 out of 4.0 (70%)
- Bachelor degree in a related Science field with a GPA of 2.7 out of 4.0 (70%) and ABET with Building Science option
- · Bridging courses may be required
- · Full admission requirements:

http://www.bcit.ca/study/programs/buildingscience

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Application Process



- Intake September
- Application for Fall 2012 will be open in October.

http://www.bcit.ca/study/programs/buildingscience

- Enrolments
 - MEng 10 students
 - MASc 10 students

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Graduate Student Research Assistantship

- Financial Support
 - Graduate research assistantship: Department
 - Bursary: Institute
 - Natural Science and Engineering Research Council (NSERC) graduate scholarships program
- Industry Sponsorship
- Student Loan

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Research

BCIT:

--Field Experiment

--Field Monitoring

- Facilities
 - Laboratory

 - Computer Models
- Support
 - Education
 - · Undergraduate students
 - · Graduate students
- Industry
 - Testing and Evaluation
 - Research and Development

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